

Page 2, replace the second paragraph, beginning on line 3, as follows:

--A second process consists in sintering in liquid phase a mixture of powder materials, one of the materials having a relatively low melting temperature of the order of several hundreds of degrees. Here again, the temperature level generated by the laser is relatively low because of the low melting temperature of one of the materials. It should be noted that the phenomenon commonly called sintering is a sintering in liquid phase and that it is more like cementing of grains, the material of a relatively low fusion temperature being used as a binder. In this case, the piece obtained is not homogeneous and the dimensional precision is relatively mediocre. Thus, the criterion of dimensional precision is not essential in this case because the operator can easily true by machining the dimensions of the pieces thus obtained.--

Page 3, between lines 16 and 17, add the section heading as follows:

--SUMMARY OF THE INVENTION--

Page 5, between lines 10 and 11, add the section heading as follows:

--BRIEF DESCRIPTION OF THE DRAWINGS--

Page 5, between lines 22 and 23, add the section heading as follows:

--DETAILED DESCRIPTION OF THE INVENTION--

Page 9, replace the paragraph beginning on line 20 as follows:

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--Pistons 44, 46 are provided to move in translation respectively in the cylinders 38, 40. Each piston 44, 46 is fixed to the upper end of a rod 48, whose lower end is fixed to an arm 50 connected to means 52 and 54 for controlling the pistons 44, 46, respectively. These control means 52 and 54, in the form for example of a stepping motor, are subject to the computer interface which controls the rising and falling of said pistons.--

Page 11, replace the paragraph beginning on line 15, as follows:

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--On the working plane 28, means 86 for forming a layer and means 88 for compacting, can move in the direction defined by the right angle line connecting the centers of the cylinders 38, 40.--

Page 12, replace the paragraph beginning on line 1, as follows:

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--Two rods 96, disposed at each end of the roller 94, permit connecting the screed 90 to the compacting roller 94 which is fixed to an arm 98 connected to control means 100 for the layering means 86 and compacting means 88. These control means 100, in the form for example of a stepping motor, are also controlled by the computer interface which at the same time controls the movements of the pistons 44, 46, the movements of the screed 90 and of the roller 94, as will be explained hereafter.--

Page 13, replace the first paragraph as follows:

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--During phase 2, shown in Figure 4C, the screed 90 has finished spreading the quantity 104 of powder, and the roller 94 is located at point A at the surface of the layer 106 adjacent a first point of tangency 108 of said roller with the working cylinder 38. At this time, the piston 44 of the working cylinder 38 rises by 100 μm such that a portion of the layer 106 is disposed above the working plane. The roller 94 then compacts a region 110 of the layer 106 which extends from point A to point B located at the surface of the layer 106 adjacent a second point of tangency 112 of said roller with the working cylinder 38.--